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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/539,546	06/16/2005	Stefan Berg	100914-1P US	7980
	7590 03/05/200 CA PHARMACEUTIO	EXAMINER		
GLOBAL INTE	ELLECTUAL PROPE	MURRAY, JEFFREY H		
1800 CONCOR WILMINGTON	N, DE 19850-5437		ART UNIT	PAPER NUMBER
			1624	
			MAIL DATE	DELIVERY MODE
			03/05/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

		Applica	ition No.	Applicant(s)	Applicant(s)			
Office Action Summary		10/539	,546	BERG ET AL.				
		Examir	er	Art Unit				
		JEFFR	EY H. MURRAY	1624				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply								
A SHORTENED WHICHEVER IS - Extensions of time m after SIX (6) MONTH - If NO period for reply - Failure to reply withir Any reply received b	STATUTORY PERIOD F LONGER, FROM THE May be available under the provision. Is from the mailing date of this com is specified above, the maximum is the set or extended period for reply the Office later than three months djustment. See 37 CFR 1.704(b).	MAILING DATE OF s of 37 CFR 1.136(a). In no munication. tatutory period will apply and y will, by statute, cause the a	THIS COMMUNICA' event, however, may a reply I will expire SIX (6) MONTHS application to become ABANI	TION. be timely filed from the mailing date of this coned (35 U.S.C. § 133).				
Status								
1)⊠ Responsiv 2a)⊠ This action 3)⊡ Since this	e to communication(s) filents is FINAL. application is in condition accordance with the pract	2b)∏ This action is for allowance exce	non-final. pt for formal matters	•	e merits is			
Disposition of Clair	ns							
4a) Of the a 5) ☐ Claim(s) _ 6) ☑ Claim(s) 2 7) ☑ Claim(s) 1 8) ☐ Claim(s) _ Application Papers 9) ☐ The specifi	above claim(s) 11-17 is/are per above claim(s) 11-17 is/are allowed. 27 is/are rejected. is/are objected to. are subject to restrict to restrict to solve the solve	re withdrawn from o	onsideration. n requirement.	the Examiner.				
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority under 35 U	.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
	son's Patent Drawing Review (sure Statement(s) (PTO/SB/08)	PTO-948)	Paper No(s)/M	mary (PTO-413) lail Date mal Patent Application				

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DETAILED ACTION

Status of Claims

1. Claims 1, 2 and 27 are pending in this application. Claims 3-10 and 18-26 have been cancelled. Claims 11-17 have been withdrawn. This action is in response to the applicants' amendment after a non-final action and reply filed on December 12, 2008.

Withdrawn Rejections/Objections

2. Applicant is notified that any outstanding rejection/objection that is not expressly maintained in this office action has been withdrawn or rendered moot in view of applicant's amendments and/or remarks.

Claim Objections

3. Claim 1 remains objected to because of the following informalities:

Claim 1 is objected to for containing non-elected subject matter within the claims. Examiner has located multiple compounds in claim 1 which do not fall under the scope of Group V of the restriction requirement. For example, the third compound listed, 3-amino-6-[4-(pyrrolidin-1-ylsulfonyl)phenyl]-N-1H-tetrazol-5-ylpyrazine-2-carboxamide is represented by the following structure:

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This structure does not contain Q as a phenyl group under Group V of the restriction requirement. Appropriate correction is required.

4. Claim 1 remains objected to because of the following informalities:

The term "...as a free base or a pharmaceutically acceptable salt..." appears part way through Claim 1. It is suggested this term be removed as it is already present at the end of the claim. Appropriate correction is required.

5. Claim 1 is an independent claim that claims various species of the generic claim 27. Multiple inventions may not be claimed in a single application unless they are species claims which are dependent upon the larger, generic claim, see C.F.R. § 1.141(a). Examiner recommends applicant make this claim dependent from Claim 27. No new matter is permitted. Appropriate correction is required.

Claim Rejections - 35 USC § 112, 2nd paragraph

6. Claim 2 and 27 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The scope of "heterocyclic" still requires clarification. Applicants have not

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defined these terms with reasonable clarity. The terms are defined with non-limiting examples making them impossible to pin down. For example, when one states C₁-C₄ alkyl, there are a small finite number of possibilities that exist in that set. One ordinarily skilled in the art realizes and understands this. However when one states, "heterocyclic ring" then provides a list of "non-limiting" examples, how can this be considered definite? One skilled in the art could instantly envision well over one hundred ring systems that qualify under this broad, vague definition. Does the applicant wish to claim a thiophene or a 1,2,4,5-dioxathiazine? If hey desire a pyridyl ring, is it a 2-pyridyl, 3-pyridyl or 4-pyridyl ring? Applicant must narrow such broad terminology by either eliminating such a broad definition or by inserting the specific ring systems they wish to cover into the claim themselves. No new matter permitted. Appropriate correction is required.

Conclusion

- 7. Claims 2 and 27 are rejected.
- 8. Claim 1 is objected.
- 9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey H. Murray whose telephone number is (571) 272-9023. The examiner can normally be reached on Mon.-Thurs. 7:30-6pm EST.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. James O. Wilson can be reached at 571-272-0661. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeffrey H Murray/ Patent Examiner, Art Unit 1624 /James O. Wilson/ Supervisory Patent Examiner, Art Unit 1624